

PATENT
450100-04709

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hiroyuki SUGAWARA et al.
Serial No. : 10/638,988
Filed : August 12, 2003
For : DATA STORAGE SYSTEM
Art Unit : 2186

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Gordon Kessler, Reg. No. 38,511

Name of Applicant, Assignee or
Registered Representative

Gordon Kessler
Signature

February 26, 2004
Date of Signature

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
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Sir:

In compliance with the duty of disclosure set forth in
37 C.F.R. 1.56, applicants are filing this Information Disclosure
Statement and the accompanying form PTO-1449 along with copies of
the prior art therein identified. Such prior art has recently
come to the attention of applicants. So far as applicants are

aware, this Information Disclosure Statement is being filed
before the mailing date of the first Office Action on the merits.

The filing of this Information Disclosure Statement is
not an admission that the documents identified herein constitute
prior art to the present application.

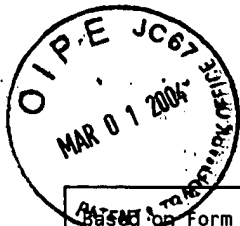
Please charge any fees incurred by the filing of this
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Respectfully submitted,

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Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.
450100-04709

SERIAL NO.
10/638,988

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Hiroyuki SUGAWARA et al.

FILING DATE
August 12, 2003

GROUP
2186

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US 2002/0073190	06/13/02	Munenaka et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ		

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.